

II. CLAIMS

1. (Previously Presented) A method for configuring use of a compression method in a packet-switched mobile system, wherein characteristics parameters are specified for a terminal, the characteristic parameters comprising at least the compression methods supported by the terminal, and wherein a functional entity is configured in a radio network for configuring the compression method to a radio bearer, the method comprising:

configuring use of the compression method on simultaneous radio bearers of the terminal in said functional entity on the basis of the characteristics parameters transmitted by the terminal,

allowing a user of the terminal to update the parameters specifying the compression methods of the terminal in the terminal,

modifying the characteristics parameters of the terminal in accordance with said update,

transmitting the modified characteristics parameters to said functional entity comprised by the radio network, and

configuring the use of a compression method for each simultaneous radio bearer on the basis of the modified characteristics parameters.

2. (Original) A method as claimed in claim 1, further comprising

transmitting the modified characteristics parameters to said functional entity comprised by the radio network before a radio bearer is established.

3. (Previously Presented) A method as claimed in claim 1, further comprising:

transmitting the modified characteristics parameters to said functional entity comprised by the radio network during an established radio bearer, and

reconfiguring the use of the compression methods of the simultaneous radio bearers of the terminal on the basis of the modified characteristics parameters without releasing the radio bearers.

4. (Previously Presented) A method as claimed in claim 1, wherein

said packet-switched mobile system being the UMTS system and said functional entity of the radio network for specifying the compression method for a radio bearer comprising a radio resource control protocol.

5. (Previously Presented) A method as claimed in claim 4, wherein

the message specifying the characteristics parameters being an UE_capability_information message comprising at least a selection parameter for the header field compression method for data packets supported by a convergence protocol of the terminal.

6. (Previously Presented) A method as claimed in claim 4, wherein

the message specifying the characteristics parameters is an UE_capability_information message comprising at least a selection parameter for the user data compression method for data packets supported by a convergence protocol of the terminal.

7. (Previously Presented) A terminal of a mobile communication system, the terminal comprising means for allowing a user of the terminal to update the parameters specifying the compression methods of the terminal in the terminal and for which terminal characteristics parameters are specified that comprise at least the compression methods supported by the terminal, the terminal being arranged to:

modify the characteristics parameters of the terminal in accordance with said update,

transmit the modified characteristics parameters to the radio network of the mobile communication system, and

receive from the radio network the settings of the use of a compression method on each simultaneous radio bearer of the terminal specified on the basis of said modified characteristics parameters.

8. (Original) A terminal as claimed in claim 7, wherein

the terminal is arranged to transmit the modified characteristics parameters to the radio network before the radio bearer is established.

9. (Previously Presented) A terminal as claimed in claim 7, wherein the terminal is arranged to:

transmit the modified characteristics parameters to the radio network during an established radio bearer,

receive new settings for the use of the compression method specified in the radio network on the basis of the modified characteristics parameters, and

reconfigure the settings of the use of the compression methods of the simultaneous radio bearers of the terminal without releasing the radio bearers.

10. (Previously Presented) A terminal as claimed in claim 7, wherein

the terminal is a terminal supporting at least the UMTS system, the message specifying the characteristics parameters to the radio network being an UE_capability_information message comprising at least a selection parameter for the header field compression method for data packets supported by a convergence protocol of the terminal.